JAVA.LANG.CHARACTER.UNICODEBLOCK CLASS

Introduction

The **java.lang.Character.UnicodeBlock** class is a family of character subsets representing the character blocks in the Unicode specification. Character blocks generally define characters used for a specific script or purpose.

Class declaration

Following is the declaration for **java.lang.Character.UnicodeBlock** class:

```
public static final class Character.UnicodeBlock
    extends Character.Subset
```

Field

Following are the fields for **java.lang.Character.UnicodeBlock** class:

- **static Character.UnicodeBlock AEGEAN_NUMBERS** -- This is a Constant for the "Aegean Numbers" Unicode character block.

- **static Character.UnicodeBlock ALPHABETIC_PRESENTATION_FORMS** -- This is a Constant for the "Alphabetic Presentation Forms" Unicode character block.

- **static Character.UnicodeBlock ARABIC** -- This is a Constant for the "Arabic" Unicode character block.

- **static Character.UnicodeBlock ARABIC_PRESENTATION_FORMS_A** -- This is a Constant for the "Arabic Presentation Forms-A" Unicode character block.

- **static Character.UnicodeBlock ARABIC_PRESENTATION_FORMS_B** -- This is a Constant for the "Arabic Presentation Forms-B" Unicode character block.

- **static Character.UnicodeBlock ARMENIAN** -- This is a Constant for the "Armenian" Unicode character block.

- **static Character.UnicodeBlock ARROWS** -- This is a Constant for the "Arrows" Unicode character block.

- **static Character.UnicodeBlock BASIC_LATIN** -- This is a Constant for the "Basic Latin" Unicode character block.

- **static Character.UnicodeBlock BENGALI** -- This is a Constant for the "Bengali" Unicode character block.

- **static Character.UnicodeBlock BLOCK_ELEMENTS** -- This is a Constant for the "Block Elements" Unicode character block.

- **static Character.UnicodeBlock BOPOMOFO** -- This is a Constant for the "Bopomofo" Unicode character block.

- **static Character.UnicodeBlock BOPOMOFO_EXTENDED** -- This is a Constant for the "Bopomofo Extended" Unicode character block.

- **static Character.UnicodeBlock BOX_DRAWING** -- This is a Constant for the "Box Drawing" Unicode character block.

- **static Character.UnicodeBlock BRAILLE_PATTERNS** -- This is a Constant for the "Braille Patterns" Unicode character block.

- **static Character.UnicodeBlock BUHID** -- This is a Constant for the "Buhid" Unicode character block.

- **static Character.UnicodeBlock BYZANTINE_MUSICAL_SYMBOLS** -- This is a Constant for the "Byzantine Musical Symbols" Unicode character block.

- **static Character.UnicodeBlock CHEROKEE** -- This is a Constant for the "Cherokee" Unicode character block.

- **static Character.UnicodeBlock CJK_COMPATIBILITY** -- This is a Constant for the "CJK Compatibility" Unicode character block.

- **static Character.UnicodeBlock CJK_COMPATIBILITY_FORMS** -- This is a Constant for the "CJK Compatibility Forms" Unicode character block.

- **static Character.UnicodeBlock CJK_COMPATIBILITY_IDEOGRAPHS** -- This is a Constant for the "CJK Compatibility Ideographs" Unicode character block.

- **static Character.UnicodeBlock CJK_COMPATIBILITY_IDEOGRAPHS_SUPPLEMENT** -- This is a Constant for the "CJK Compatibility Ideographs Supplement" Unicode character block.

- **static Character.UnicodeBlock CJK_RADICALS_SUPPLEMENT** -- This is a Constant for the "CJK Radicals Supplement" Unicode character block.

- **static Character.UnicodeBlock CJK_SYMBOLS_AND_PUNCTUATION** -- This is a Constant for the "CJK Symbols and Punctuation" Unicode character block.

- **static Character.UnicodeBlock CJK_UNIFIED_IDEOGRAPHS** -- This is a Constant for the "CJK Unified Ideographs" Unicode character block.

- **static Character.UnicodeBlock CJK_UNIFIED_IDEOGRAPHS_EXTENSION_A** -- This is a Constant for the "CJK Unified Ideographs Extension A" Unicode character block.

- **static Character.UnicodeBlock CJK_UNIFIED_IDEOGRAPHS_EXTENSION_B** -- This is a Constant for the "CJK Unified Ideographs Extension B" Unicode character block.

- **static Character.UnicodeBlock COMBINING_DIACRITICAL_MARKS** -- This is a Constant for the "Combining Diacritical Marks" Unicode character block.

- **static Character.UnicodeBlock COMBINING_HALF_MARKS** -- This is a Constant for the "Combining Half Marks" Unicode character block.

- **static Character.UnicodeBlock COMBINING_MARKS_FOR_SYMBOLS** -- This is a Constant for the "Combining Diacritical Marks for Symbols" Unicode character block.

- **static Character.UnicodeBlock CONTROL_PICTURES** -- This is a Constant for the "Control Pictures" Unicode character block.

- **static Character.UnicodeBlock CURRENCY_SYMBOLS** -- This is a Constant for the "Currency Symbols" Unicode character block.

- **static Character.UnicodeBlock CYPRIOT_SYLLABARY** -- This is a Constant for the "Cypriot Syllabary" Unicode character block.

- **static Character.UnicodeBlock CYRILLIC** -- This is a Constant for the "Cyrillic" Unicode character block.

- **static Character.UnicodeBlock CYRILLIC_SUPPLEMENTARY** -- This is a Constant for the "Cyrillic Supplementary" Unicode character block.

- **static Character.UnicodeBlock DESERET** -- This is a Constant for the "Deseret" Unicode character block.

- **static Character.UnicodeBlock DEVANAGARI** -- This is a Constant for the "Devanagari" Unicode character block.

- **static Character.UnicodeBlock DINGBATS** -- This is a Constant for the "Dingbats" Unicode character block.

- **static Character.UnicodeBlock ENCLOSED_ALPHANUMERICS** -- This is a Constant for the "Enclosed Alphanumerics" Unicode character block.

- **static Character.UnicodeBlock ENCLOSED_CJK_LETTERS_AND_MONTHS** -- This is a Constant for the "Enclosed CJK Letters and Months" Unicode character block.

- **static Character.UnicodeBlock ETHIOPIC** -- This is a Constant for the "Ethiopic" Unicode character block.

- **static Character.UnicodeBlock GENERAL_PUNCTUATION** -- This is a Constant for the "General Punctuation" Unicode character block.

- **static Character.UnicodeBlock GEOMETRIC_SHAPES** -- This is a Constant for the "Geometric Shapes" Unicode character block.

- **static Character.UnicodeBlock GEORGIAN** -- This is a Constant for the "Georgian" Unicode character block.

- **static Character.UnicodeBlock GOTHIC** -- This is a Constant for the "Gothic" Unicode character block.

- **static Character.UnicodeBlock GREEK** -- This is a Constant for the "Greek and Coptic" Unicode character block.

- **static Character.UnicodeBlock GREEK_EXTENDED** -- This is a Constant for the "Greek Extended" Unicode character block.

- **static Character.UnicodeBlock GUJARATI** -- This is a Constant for the "Gujarati" Unicode character block.

- **static Character.UnicodeBlock GURMUKHI** -- This is a Constant for the "Gurmukhi" Unicode character block.

- **static Character.UnicodeBlock HALFWIDTH_AND_FULLWIDTH_FORMS** -- This is a Constant for the "Halfwidth and Fullwidth Forms" Unicode character block.

- **static Character.UnicodeBlock HANGUL_COMPATIBILITY_JAMO** -- This is a Constant for the "Hangul Compatibility Jamo" Unicode character block.

- **static Character.UnicodeBlock HANGUL_JAMO** -- This is a Constant for the "Hangul Jamo" Unicode character block.

- **static Character.UnicodeBlock HANGUL_SYLLABLES** -- This is a Constant for the "Hangul Syllables" Unicode character block.

- **static Character.UnicodeBlock HANUNOO** -- This is a Constant for the "Hanunoo" Unicode character block.

- **static Character.UnicodeBlock HEBREW** -- This is a Constant for the "Hebrew" Unicode character block.

- **static Character.UnicodeBlock HIGH_PRIVATE_USE_SURROGATES** -- This is a Constant for the "High Private Use Surrogates" Unicode character block.

- **static Character.UnicodeBlock HIGH_SURROGATES** -- This is a Constant for the "High Surrogates" Unicode character block.

- **static Character.UnicodeBlock HIRAGANA** -- This is a Constant for the "Hiragana" Unicode character block.

- **static Character.UnicodeBlock IDEOGRAPHIC_DESCRIPTION_CHARACTERS** -- This is a Constant for the "Ideographic Description Characters" Unicode character block.

- **static Character.UnicodeBlock IPA_EXTENSIONS** -- This is a Constant for the "IPA Extensions" Unicode character block.

- **static Character.UnicodeBlock KANBUN** -- This is a Constant for the "Kanbun" Unicode character block.

- **static Character.UnicodeBlock KANGXI_RADICALS** -- This is a Constant for the "Kangxi Radicals" Unicode character block.

- **static Character.UnicodeBlock KANNADA** -- This is a Constant for the "Kannada" Unicode character block.

- **static Character.UnicodeBlock KATAKANA** -- This is a Constant for the "Katakana" Unicode character block.

- **static Character.UnicodeBlock KATAKANA_PHONETIC_EXTENSIONS** -- This is a Constant for the "Katakana Phonetic Extensions" Unicode character block.

- **static Character.UnicodeBlock KHMER** -- This is a Constant for the "Khmer" Unicode character block.

- **static Character.UnicodeBlock KHMER_SYMBOLS** -- This is a Constant for the "Khmer Symbols" Unicode character block.

- **static Character.UnicodeBlock LAO** -- This is a Constant for the "Lao" Unicode character block.

- **static Character.UnicodeBlock LATIN_1_SUPPLEMENT** -- This is a Constant for the "Latin-1 Supplement" Unicode character block.

- **static Character.UnicodeBlock LATIN_EXTENDED_A** -- This is a Constant for the "Latin Extended-A" Unicode character block.

- **static Character.UnicodeBlock LATIN_EXTENDED_ADDITIONAL** -- This is a Constant for the "Latin Extended Additional" Unicode character block.

- **static Character.UnicodeBlock LATIN_EXTENDED_B** -- This is a Constant for the "Latin Extended-B" Unicode character block.

- **static Character.UnicodeBlock LETTERLIKE_SYMBOLS** -- This is a Constant for the "Letterlike Symbols" Unicode character block.

- **static Character.UnicodeBlock LIMBU** -- This is a Constant for the "Limbu" Unicode character block.

- **static Character.UnicodeBlock LINEAR_B_IDEOGRAMS** -- This is a Constant for the "Linear B Ideograms" Unicode character block.

- **static Character.UnicodeBlock LINEAR_B_SYLLABARY** -- This is a Constant for the "Linear B Syllabary" Unicode character block.

- **static Character.UnicodeBlock LOW_SURROGATES** -- This is a Constant for the "Low Surrogates" Unicode character block.

- **static Character.UnicodeBlock MALAYALAM** -- This is a Constant for the "Malayalam" Unicode character block.

- **static Character.UnicodeBlock MATHEMATICAL_ALPHANUMERIC_SYMBOLS** -- This is a Constant for the "Mathematical Alphanumeric Symbols" Unicode character block.

- **static Character.UnicodeBlock MATHEMATICAL_OPERATORS** -- This is a Constant for the "Mathematical Operators" Unicode character block.

- **static Character.UnicodeBlock MISCELLANEOUS_MATHEMATICAL_SYMBOLS_A** -- This is a Constant for the "Miscellaneous Mathematical Symbols-A" Unicode character block.

- **static Character.UnicodeBlock MISCELLANEOUS_MATHEMATICAL_SYMBOLS_B** -- This is a Constant for the "Miscellaneous Mathematical Symbols-B" Unicode character block.

- **static Character.UnicodeBlock MISCELLANEOUS_SYMBOLS** -- This is a Constant for the "Miscellaneous Symbols" Unicode character block.

- **static Character.UnicodeBlock MISCELLANEOUS_SYMBOLS_AND_ARROWS** -- This is a Constant for the "Miscellaneous Symbols and Arrows" Unicode character block.

- **static Character.UnicodeBlock MISCELLANEOUS_TECHNICAL** -- This is a Constant for the "Miscellaneous Technical" Unicode character block.

- **static Character.UnicodeBlock MONGOLIAN** -- This is a Constant for the "Mongolian" Unicode character block.

- **static Character.UnicodeBlock MUSICAL_SYMBOLS** -- This is a Constant for the "Musical Symbols" Unicode character block.

- **static Character.UnicodeBlock MYANMAR** -- This is a Constant for the "Myanmar" Unicode character block.

- **static Character.UnicodeBlock NUMBER_FORMS** -- This is a Constant for the "Number Forms" Unicode character block.

- **static Character.UnicodeBlock OGHAM** -- This is a Constant for the "Ogham" Unicode character block.

- **static Character.UnicodeBlock OLD_ITALIC** -- This is a Constant for the "Old Italic" Unicode character block.

- **static Character.UnicodeBlock OPTICAL_CHARACTER_RECOGNITION** -- This is a Constant for the "Optical Character Recognition" Unicode character block.

- **static Character.UnicodeBlock ORIYA** -- This is a Constant for the "Oriya" Unicode character block.

- **static Character.UnicodeBlock OSMANYA** -- This is a Constant for the "Osmanya" Unicode character block.

- **static Character.UnicodeBlock PHONETIC_EXTENSIONS** -- This is a Constant for the "Phonetic Extensions" Unicode character block.

- **static Character.UnicodeBlock PRIVATE_USE_AREA** -- This is a Constant for the "Private Use Area" Unicode character bloc

- **static Character.UnicodeBlock RUNIC** -- This is a Constant for the "Runic" Unicode character block.

- **static Character.UnicodeBlock SHAVIAN** -- This is a Constant for the "Shavian" Unicode character block.

- **static Character.UnicodeBlock SINHALA** -- This is a Constant for the "Sinhala" Unicode character block.

- **static Character.UnicodeBlock SMALL_FORM_VARIANTS** -- This is a Constant for the "Small Form Variants" Unicode character block.

- **static Character.UnicodeBlock SPACING_MODIFIER_LETTERS** -- This is a Constant for the "Spacing Modifier Letters" Unicode character block.

- **static Character.UnicodeBlock SPECIALS** -- This is a Constant for the "Specials" Unicode character block.

- **static Character.UnicodeBlock SUPERSCRIPTS_AND_SUBSCRIPTS** -- This is a Constant for the "Superscripts and Subscripts" Unicode character block.

- **static Character.UnicodeBlock SUPPLEMENTAL_ARROWS_A** -- This is a Constant for the "Supplemental Arrows-A" Unicode character block.

- **static Character.UnicodeBlock SUPPLEMENTAL_ARROWS_B** -- This is a Constant for the "Supplemental Arrows-B" Unicode character block.

- **static Character.UnicodeBlock SUPPLEMENTAL_MATHEMATICAL_OPERATORS** -- This is a Constant for the "Supplemental Mathematical Operators" Unicode character block.

- **static Character.UnicodeBlock SUPPLEMENTARY_PRIVATE_USE_AREA_A** -- This is a Constant for the "Supplementary Private Use Area-A" Unicode character block.

- **static Character.UnicodeBlock SUPPLEMENTARY_PRIVATE_USE_AREA_B** -- This is a Constant for the "Supplementary Private Use Area-B" Unicode character block.

- **static Character.UnicodeBlock SYRIAC** -- This is a Constant for the "Syriac" Unicode character block.

- **static Character.UnicodeBlock TAGALOG** -- This is a Constant for the "Tagalog" Unicode character block.

- **static Character.UnicodeBlock TAGBANWA** -- This is a Constant for the "Tagbanwa" Unicode character block.

- **static Character.UnicodeBlock TAGS** -- This is a Constant for the "Tags" Unicode character block.

- **static Character.UnicodeBlock TAI_LE** -- This is a Constant for the "Tai Le" Unicode character block.

- **static Character.UnicodeBlock TAI_XUAN_JING_SYMBOLS** -- This is a Constant for the "Tai Xuan Jing Symbols" Unicode character block.

- **static Character.UnicodeBlock TAMIL** -- This is a Constant for the "Tamil" Unicode character block.

- **static Character.UnicodeBlock TELUGU** -- This is a Constant for the "Telugu" Unicode character block.

- **static Character.UnicodeBlock THAANA** -- This is a Constant for the "Thaana" Unicode character block.

- **static Character.UnicodeBlock THAI** -- This is a Constant for the "Thai" Unicode character block.

- **static Character.UnicodeBlock TIBETAN** -- This is a Constant for the "Tibetan" Unicode character block.

- **static Character.UnicodeBlock UGARITIC** -- This is a Constant for the "Ugaritic" Unicode character block.

- **static Character.UnicodeBlock UNIFIED_CANADIAN_ABORIGINAL_SYLLABICS** -- This is a Constant for the "Unified Canadian Aboriginal Syllabics" Unicode character block.

- **static Character.UnicodeBlock VARIATION_SELECTORS** -- This is a Constant for the "Variation Selectors" Unicode character block.

- **static Character.UnicodeBlock VARIATION_SELECTORS_SUPPLEMENT** -- This is a Constant for the "Variation Selectors Supplement" Unicode character bloc

- **static Character.UnicodeBlock YI_RADICALS** -- This is a Constant for the "Yi Radicals" Unicode character block.

- **static Character.UnicodeBlock YI_SYLLABLES** -- This is a Constant for the "Yi Syllables" Unicode character block.

- **static Character.UnicodeBlock YIJING_HEXAGRAM_SYMBOLS** -- This is a Constant for the "Yijing Hexagram Symbols" Unicode character block.

Class methods

S.N.	Method & Description
1	static Character.UnicodeBlock forName(String blockName) This method returns the UnicodeBlock with the given name.
2	static Character.UnicodeBlock of(char c) This method returns the object representing the Unicode block containing the given character, or null if the character is not a member of a defined block.
3	static Character.UnicodeBlock of(int codePoint) This method returns the object representing the Unicode block containing the given character (Unicode code point), or null if the character is not a member of a defined block.

Methods inherited

This class inherits methods from the following classes:

- java.lang.Character.Subset

- java.lang.Object